Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 22 Jul 2023 until 23:59 on Sunday 23 Jul 2023

Forecast Issued on Friday 21 Jul 2023 at 12:18

Confidence: High for a wet, cloudy day Saturday. Moderate for rainfall detail Sunday. High for drier and brighter conditions to develop through Monday and during Tuesday. Moderate for rainfall spreading east Wednesday.

Headline for Saturday 22 Jul 2023: Rain for much of the day. Breezy.

Mountain weather hazards on Saturday 22 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** High Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Heavy Rain	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability							
70%	80%	90%	90%	80%	90%	90%	90%

Forecast for Saturday 22 Jul 2023

Weather: Wet, with widespread cloud and persistent rain for much of the day. Rain mainly light, but with some heavier bursts. These more frequent across western upslopes through the morning and more extensively during the evening.

Chance of cloud-free hill tops above 600m: Near 0% in west. 20% in east until the evening, then near 0%

Low Cloud and visibility: Widespread cloud obscuring tops above 500m, but rising to 700m in east at first. Occasional patches possible as low as 300m with any heavier bursts of rain, mainly in the west but more extensively during the evening. Moderate to poor visibility throughout the day, with the worst of the views during any heavy bursts of rain.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Saturday 22 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 SW	10/14 SW	13/17 S	15/21 SW	16/23 SW	14/20 S	10/16 S	7/11 S	5/8 S
300	4/10 SW	6/12 SW	8/17 SW	9/18 SW	11/21 SW	9/17 S	7/13 S	4/9 S	3/8 SW
Valley	4/9 SW	4/11 S	7/17 SW	8/18 S	10/21 SW	8/17 S	5/12 S	4/9 SW	3/7 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/7	9/7	10/8	11/8	12/9	12/10	12/11	12/11
300	11/10	11/10	11/10	12/11	14/12	14/12	14/13	14/14	13/14
Valley	12/12	12/12	12/11	14/12	14/13	15/14	15/15	15/15	14/15
Freezing Level*	2200m	2300m	2600m	2800m	2800m	2900m	3000m	3000m	2900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A poor day, with limited visibility. Waterproofs layers essential, and feeling unseasonably cold on the tops, especially with the wind and rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 21 Jul 2023	2.2mm	2.2mm	5.4mm

Forecast for Sunday 23 Jul 2023

Weather: Widespread cloud and outbreaks of rain, heavy at times, will gradually ease away south through the day. Staying rather cloudy however, with some light rain possible into the evening.

Maximum wind: Northeast 20mph

Chance of cloud-free hill tops above 600m: 30% gradually increasing to 70% through the day

Low Cloud and visibility: Cloud obscuring tops at 500m for much of the day, but breaking a little later and lifting to around 700m. Good visibility outside of cloud and rain, but falling to moderate at times.

Temperature: **Valleys:** Plus 13 Celsius rising to Plus 18 Celsius
At 600m: Plus 13 Celsius
Freezing level: Above the summits.

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